

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A pneumatic-tire-use electronic-device fixing system for fixing an electronic device to be mounted on a pneumatic tire, the pneumatic-tire-use electronic-device fixing system comprising:

an electronic-device housing apparatus, which houses the electronic device, and which includes an engaging convex portion that is convex; and

an electronic-device housing apparatus support, which is provided on an inner surface of the pneumatic tire, and which includes an engaging concave portion that is concave, wherein:

at least a part of a surface of the engaging convex portion includes a first zigzag region formed in a zigzag;

at least a part of a surface of the engaging concave portion includes a second zigzag region formed in a zigzag, and the second zigzag region engaging with the first zigzag region; and

the first zigzag region forms: a sloping portion tapering in a direction in which the engaging convex portion is inserted into the engaging concave portion; and a pullout suppression portion continuing to the sloping portion and being at an acute angle to a direction in which the engaging convex portion is pulled out from the engaging concave portion.

2. (canceled)

3. (previously presented): The pneumatic-tire-use electronic-device fixing system according to claim 1, wherein:

the engaging convex portion includes a first insertion hole;

the engaging concave portion includes a second insertion hole communicating with the first insertion hole,

the pneumatic-tire-use electronic-device fixing system further comprising a lock pin to be inserted into the first and second insertion holes which have been made to communicate with each other.

4. (currently amended): The pneumatic-tire-use electronic-device fixing system according to ~~any one of claims 1 and 2~~claim 1, wherein the electronic-device housing apparatus support is a rubber body provided inside the pneumatic tire inward of an inner liner of the pneumatic tire.

5. (currently amended) The pneumatic-tire-use electronic-device fixing system according to ~~any one of claims 1 to 3~~claim 1, wherein the electronic-device housing apparatus support is provided on the pneumatic tire in steps of molding and vulcanizing the pneumatic tire.

6. (previously presented): A pneumatic tire comprising an electronic-device housing apparatus support which supports an electronic device housing apparatus having an engaging convex portion that is convex, wherein:

the electronic-device housing apparatus support is provided on an inner surface of the pneumatic tire, and includes an engaging concave portion that is concave;

at least a part of a surface of the engaging concave portion includes a zigzag region formed in a zigzag, the zigzag region engaging with the engaging convex portion: and

the zigzag region forms: a sloping portion tapering in a direction in which the engaging convex portion is inserted into the engaging concave portion; and a pullout suppression portion continuing to the sloping portion,

and being at an acute angle to a direction in which the engaging convex portion is pulled out from the engaging concave portion.

7. (canceled)

8. (previously presented): The pneumatic tire according to claim 6, wherein the electronic-device housing apparatus support is a rubber body provided inside the pneumatic tire inward of an inner liner of the pneumatic tire.

9. (currently amended): The pneumatic tire according to ~~any one of claims 6 and 8~~claim 6, wherein the electronic-device housing apparatus support is provided on the pneumatic tire in steps of molding and vulcanizing the pneumatic tire.

10. (previously presented): An electronic-device housing apparatus, which is supported by an electronic-device housing apparatus support including an engaging concave portion provided on a pneumatic tire, and which houses an electronic device to be mounted on the pneumatic tire, the electronic-device housing apparatus comprising an engaging convex portion that is convex, wherein:

at least a part of a surface of the engaging convex portion includes a zigzag region formed in a zigzag; and

the zigzag region forms: a sloping portion tapering in a direction in which the engaging convex portion is inserted into the engaging concave portion; and a pullout suppression portion continuing to the sloping portion and

being at an acute angle to a direction in which the engaging convex portion is pulled out from the engaging concave portion.

11. (canceled)

12. (previously presented) The electronic device housing apparatus according to claim 10, wherein:

the engaging convex portion includes a first insertion hole;

the engaging concave portion includes a second insertion hole communicating with the first insertion hole; and

the electronic-device housing apparatus is fixed by a lock pin inserted into the first and second insertion holes which have been made to communicate with each other.

13. (currently amended): The pneumatic-tire-use electronic-device fixing system according to ~~any one of claims 1 to 5~~ claim 1, wherein:

the first zigzag region and the second zigzag region engage with each other by having the engaging convex portion press-fitted into the engaging concave portion,

14. (currently amended): The pneumatic tire according to ~~any one of claims 6 to 9~~ claim 6, wherein:

at least a part of the surface of the engaging convex portion is formed in a zigzag; and

the zigzag region and the engaging convex portion engage with each other by having the engaging convex portion press-fitted into the engaging concave portion.